

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

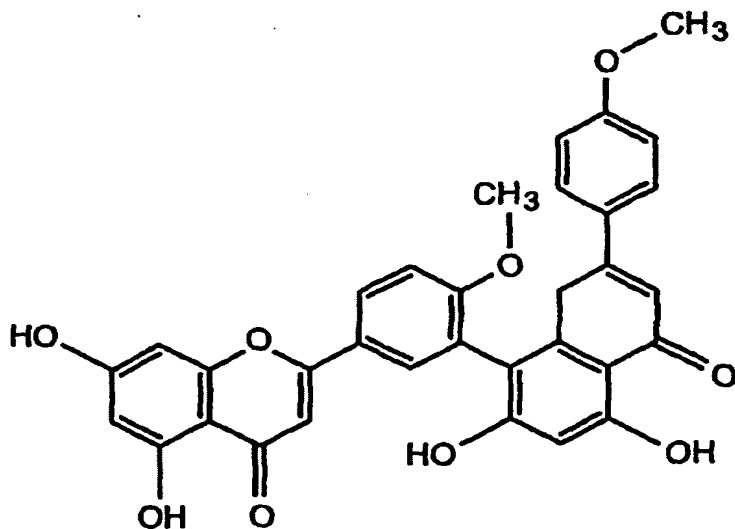
(10) International Publication Number
WO 2005/046584 A2

- (51) International Patent Classification⁷: **A61K** 16729 Windjammer Court, San Antonio, TX 78023 (US).
MUNDY, Gregory, R. [US/US]; 3719 Morgan's Creek,
San Antonio, TX 78230 (US).
- (21) International Application Number: **PCT/US2004/036502**
- (22) International Filing Date: **2 November 2004 (02.11.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data: **60/517,652 5 November 2003 (05.11.2003) US**
- (71) Applicant (for all designated States except US): **OSTEO-SCREEN, INC. [US/US]; 2040 Babcock Road, Suite 201, San Antonio, TX 78229 (US).**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **GALLWITZ, Wolfgang, E. [US/US]; 9715 Laurel Oaks Drive, San Antonio, TX 78240 (US). GARRETT, L., Ross [AU/US];**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),**

[Continued on next page]

(54) Title: **STIMULATION OF HAIR GROWTH BY GINKGO BILOBA FLAVANOIDS**

(57) Abstract: Flavanoid components of the *Ginkgo biloba* tree are useful to stimulate the growth of hair and are thus useful in treatment of alopecia or baldness.



2-{3-[2,4-Dihydroxy-7-(4-methoxy-phenyl)-5-oxo-5,8-dihydro-naphthalen-1-yl]-4-methoxy-phenyl}-5,7-dihydroxy-chromen-4-one

WO 2005/046584 A2